

Title (en)  
MUSCLE REGENERATION PROMOTER

Title (de)  
MITTEL ZUR FÖRDERUNG DER MUSKELREGENERATION

Title (fr)  
PROMOTEUR DE RÉGÉNÉRATION MUSCULAIRE

Publication  
**EP 2025346 A1 20090218 (EN)**

Application  
**EP 07741181 A 20070406**

Priority  
• JP 2007057745 W 20070406  
• JP 2006106445 A 20060407

Abstract (en)  
The present inventors studied the effects of inhibiting the IL-6 signaling pathway on muscle cell growth. As a result, they discovered that, administering an IL-6 inhibitor can promote the adhesion, proliferation, and differentiation of satellite cells and therefore muscle regeneration.

IPC 8 full level  
**A61K 45/00** (2006.01); **A61K 39/395** (2006.01); **A61P 21/00** (2006.01); **A61P 21/04** (2006.01)

CPC (source: EP US)  
**A61K 38/204** (2013.01 - EP US); **A61P 21/00** (2017.12 - EP); **A61P 21/04** (2017.12 - EP); **C07K 16/248** (2013.01 - EP US); **C07K 16/2866** (2013.01 - EP US); **A61K 2039/505** (2013.01 - EP US)

Cited by  
US11692037B2; US8470316B2; US8945558B2; US9539322B2; US9260516B2; US9725514B2; US8623355B2; US8771686B2; US10717781B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 2025346 A1 20090218**; **EP 2025346 A4 20100120**; **EP 2025346 B1 20160810**; CA 2648644 A1 20071018; CA 2648644 C 20160105; CN 101495146 A 20090729; CN 101495146 B 20121017; HK 1132912 A1 20100312; JP 5754875 B2 20150729; JP WO2007116962 A1 20090820; US 2010008907 A1 20100114; US 9260516 B2 20160216; WO 2007116962 A1 20071018

DOCDB simple family (application)  
**EP 07741181 A 20070406**; CA 2648644 A 20070406; CN 200780020974 A 20070406; HK 09110837 A 20091119; JP 2007057745 W 20070406; JP 2008509883 A 20070406; US 29619307 A 20070406